

CLAIMS

WHAT IS CLAIMED:

5 1. A pharmaceutical treatment blister card, suitable for dispensing a pharmaceutical composition, comprising:

10 a) interior and exterior layers having outer edges, the surface of the interior layer comprises a hole therein, and the exterior layer comprises a perforated-portion having the shape of a hole, the interior layer overlays the exterior layer, the hole of the interior layer opposes the perforated-portion of the exterior layer, a first portion of the interior and exterior outer edges are affixed together to form a blister card having a pocket there inside, an unaffixed, second portion of the interior and exterior edges form a pocket entrance into the card;

15 b) one or a plurality of blister cavities comprising a blister layer having outer edges and a lidding layer having outer edges, the edges of the blister and lidding layers are affixed together, a raised void compartment is formed inside the edges of the layers suitable for storage of a pharmaceutical composition, the blister cavity is located in the pocket of the blister card, the raised void compartment of the blister cavity protruding through the hole of the interior layer, and the lidding layer opposes the perforated-portion of the exterior layer;

20 c) a removable security strip, the strip being inserted through the pocket entrance into the pocket of the card between the lidding layer of the blister cavity and the exterior layer of the card, the security strip being within the edges of the pocket entrance; and

25 d) a perforation strip sealing the interior and exterior edges and pocket entrance of the blister card, wherein the removable security strip is sealed inside the blister card to form the pharmaceutical treatment blister card,

30 wherein tearing the perforation strip from the blister card, removing the security strip, and pushing against the blister layer at the interior layer forcing the

lidding layer to rupture forcing the perforated-portion of the exterior layer away from the card and dislodging the pharmaceutical composition from the blister cavity.

2. The blister card according to Claim 1, wherein a slit in interior
5 layer of the card suitable for storing literature sheets.

3. The blister card according to Claim 2, wherein the outer edges
of the interior and exterior layers are uniformly dimensioned.

10 4. The blister card according to Claim 3, wherein a plurality of
blisters are located on the card.

5. The blister card according to Claim 4, wherein a plurality of
cards are attached by hinge means.

15 6. The blister card according to Claim 5, wherein literature is
written on the interior and exterior layers of the cards.

20 7. The blister card according to Claim 6, having a slit in the
interior layer of the card suitable for storage of literature in the pocket.

25 8. The blister card according to Claim 7, wherein the interior and
exterior layers, security strip, and perforated strip are fabricated from a material
selected from paperboard, card board, bristle board, corrugated paper, polymeric
materials, and metals.

9. The blister card according to Claim 8, wherein the blister and
lidding layers are fabricated from a material selected from polymeric materials, metal
foils, and combinations thereof.

30 10. The blister card according to Claim 9, wherein the polymeric
material is selected from low density polyethylene, an olefinic copolymer,
polyvinylchloride, polyvinyldenechloride, polyolefins, polypropylene, polyesters,
polylactic acid, polyacetals, polystyrene, and combinations thereof.

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11. The blister card according to Claim 10, wherein a plurality of cards are attached at the sealed edges by hinge means to one another to form a multifold card suitable for formation of a pharmaceutical treatment kit.

5 12. A bi-fold pharmaceutical treatment blister card suitable for dispensing a pharmaceutical composition, characterized as containing at least two card sections, one or more card sections, comprising:

10 a) interior and exterior layers having uniform outer edges, wherein the surface of the interior layer comprises a hole therein, and the exterior layer comprises a perforated-portion having the shape of a hole, wherein the interior layer overlays the exterior layer, wherein the hole of the interior layer opposes the perforated-portion of the exterior layer, wherein a first portion of the interior and exterior uniform outer edges are affixed together to form a blister card section having a pocket there inside, wherein an unaffixed, second portion of the card edges form a pocket entrance into the card, wherein a cut-out is formed about the outer edges of the pocket entrance of the card;

15 b) one or a plurality of blister cavities, each cavity comprising a blister layer having outer edges and a lidding layer having outer edges, wherein the edges of the blister and lidding layers are affixed together, wherein a raised, void compartment is formed inside the edges of the layers suitable for storage of a pharmaceutical composition, wherein the blister cavity is located in the pocket of the blister card, the raised void compartment of the blister cavity protruding through the hole of the interior layer, and wherein the lidding layer opposes the perforated-portion of the exterior layer;

20 c) a removable security strip having first and second ends, wherein the pull point is located at the second end of the strip, wherein the first end of the strip is inserted through the pocket entrance into the card between the lidding layer of the blister cavity and the exterior layer of the card, the security strip being within the edges of the pocket entrance, the pull point fitting within the outer edges of the pocket entrance and being visibly exposed through the cut-out of the card;

d) a perforation strip suitable for sealing the outer edges of the card at the pocket entrance thereof, wherein the removable security strip is sealed inside the outer edges of the blister card to form a card section, and wherein the pull point is covered by the perforation strip;

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e) optionally, a card section having interior and exterior layers, the layers having affixed outer edges to form a pocket there between, wherein a slit in the interior layer provides a pocket for storing literature sheets; and

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f) hinge means attaching the outer edges of the at least two card sections together to form a bi-fold pharmaceutical treatment blister card,

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wherein tearing of the perforation strip from the blister card exposes the pull point of the security strip, pulling the pull point to remove the security strip from the pocket, and pushing the blister layer through the lidding layer of the blister cavity to force the lidding layer to rupture and push the perforated-portion of the exterior layer away there from to dislodges the pharmaceutical composition from the card.

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13. The bi-fold pharmaceutical treatment blister card according to Claim 12, wherein the edges of the interior and exterior layers are uniformly dimensioned.

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14. The bi-fold pharmaceutical treatment blister card according to Claim 13, wherein a plurality of blister cavities are located on the card.

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15. The bi-fold pharmaceutical treatment blister card according to Claim 14, wherein the plurality of blister cavities on the at least two card sections are aligned so that when the card is folded, the cavities on the cards are alternatively arranged.

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16. The bi-fold pharmaceutical treatment blister card according to Claim 15, wherein the card sections are attached by hinge means.

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17. The bi-fold pharmaceutical treatment blister card according to Claim 16, wherein literature is written on the interior and exterior layers of the cards.

18. The bi-fold pharmaceutical treatment blister card according to
Claim 17, wherein at least one card section has a slit in the interior layer of thereof
suitable for storage of literature relating to the pharmaceutical composition.

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19. The bi-fold pharmaceutical treatment blister card according to
Claim 18, wherein a plurality of blister cavities are located in at least one card section.

10 20. The bi-fold pharmaceutical treatment blister card according to
Claim 19, wherein the plurality of blisters is located on two card sections thereof.

15 21. The bi-fold pharmaceutical treatment blister card according to
Claim 20, wherein the plurality of blisters on two sections of the card are aligned in a
staggered formation.

22. The bi-fold pharmaceutical treatment blister card according to
Claim 21, wherein the blister cavities contain the pharmaceutical composition.

20 23. The bi-fold pharmaceutical treatment blister card according to
Claim 22, wherein the pharmaceutical composition is in a form selected from pills,
capsules, tablets, and combinations thereof.

25 24. The bi-fold pharmaceutical treatment blister card according to
Claim 23, wherein the interior and exterior layers, security strip, and perforated strip
are fabricated from a material selected from paperboard, card board, bristle board,
corrugated paper, polymeric materials, metals and combinations thereof.

30 25. The bi-fold pharmaceutical treatment blister card according to
Claim 24, wherein the blister and lidding layers are fabricated from a material selected
from polymeric materials, metal foils, and combinations thereof.

26. The bi-fold pharmaceutical treatment blister card according to
Claim 24, wherein the polymeric material is selected from low density polyethylene,
an olefinic copolymer, polyvinylchloride, polyvinylidenechloride, polyolefins,

polypropylene, polyesters, polylactic acid, polyacetals, polystyrene, and combinations thereof.

27. The bi-fold pharmaceutical treatment blister card according to
5 Claim 25, wherein the polymeric material is selected from low density polyethylene, an olefinic copolymer, polyvinylchloride, polyvinyldenechloride, polyolefins, polypropylene, polyesters, polylactic acid, polyacetals, polystyrene, and combinations thereof.

10 28. A tri-fold pharmaceutical treatment blister card suitable dispensing a pharmaceutical composition, characterized as containing at least three card sections suitable for folding upon one another, one or more card sections, comprising:

15 a) interior and exterior layers having uniform outer edges, wherein the surface of the interior layer comprises one or more holes therein, and the exterior layer comprises one or more perforated-portions having the shape of one or more holes, wherein the interior layer overlays the exterior layer, wherein the holes of the interior layer opposes the perforated-portions of the exterior layer, wherein a first portion of the interior and exterior uniform outer edges are affixed together to form a blister card section having a pocket there inside, wherein an unaffixed, second portion of the card edges form a pocket entrance into the card, wherein a cut-out is formed about the edges of the pocket entrance of the card;

20 b) a plurality of blister cavities on the at least two card sections, each cavity comprising a blister layer having outer edges and a lidding layer having outer edges, wherein the edges of the blister and lidding layers are affixed together, wherein raised void compartments are formed inside the edges of the layers suitable for storage of a pharmaceutical composition, wherein the blister cavities are located in the pocket of the blister card, the raised void compartments of the blister cavities protruding through the holes of the interior layer and the lidding layer opposing the perforated-portions of the exterior layer;

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- c) a removable security strip having first and second ends a pull point, wherein the pull point is located at the second end of the strip, wherein the first end of the strip is inserted through the pocket entrance into the pocket of the card between the lidding layer of the blister cavity and the exterior layer of the card, the security strip being within the edges of the pocket entrance, the pull point fitting within the outer edges of the pocket entrance and being visibly exposed through the cut-out of the card;
- d) a perforation strip sealing the pocket entrance of the blister card, wherein the removable security strip is located inside the pocket to form the pharmaceutical treatment blister card, and wherein the pull point is covered by the perforation strip;
- e) optionally, a card section having interior and exterior layers, the layers having outer edges, wherein the outer edges of the layers are affixed together, wherein a slit in interior layer provides a pocket for storing literature sheets; and
- f) hinge means attaching the outer edges of the at least three card sections together to form a tri-fold pharmaceutical treatment blister card, wherein the hinge means is suitable for folding sections of the card upon one another,

wherein tearing of the perforation strip from the blister card exposes the pull point of the security strip, pulling the pull point to remove the security strip from the pocket, and pushing the blister layer through the lidding layer of the blister cavity to force the lidding layer to rupture and push the perforated-portion of the exterior layer away there from to dislodges the pharmaceutical composition from the card.

29. The tri-fold pharmaceutical treatment blister card according to Claim 28, wherein the edges of the interior and exterior layers are uniformly dimensioned.

30. The tri-fold pharmaceutical treatment blister card according to Claim 29, wherein a plurality of blisters are located on the card section.

31. The tri-fold pharmaceutical treatment blister card according to Claim 30, wherein the card sections are attached by hinge means.

32. The tri-fold pharmaceutical treatment blister card according to 5 Claim 31, wherein literature is written on the interior and exterior layers of the cards.

33. The tri-fold pharmaceutical treatment blister card according to Claim 32, wherein at least one card section has a slit in the interior layer of thereof suitable for storage of literature relating to the pharmaceutical composition.

10 34. The tri-fold pharmaceutical treatment blister card according to Claim 33, wherein a plurality of blister cavities are located in at least one card section.

15 35. The tri-fold pharmaceutical treatment blister card according to Claim 34, wherein the plurality of blisters is located on two card sections thereof.

20 36. The tri-fold pharmaceutical treatment blister card according to Claim 35, wherein the plurality of blister cavities on at least two sections of the card are aligned in a staggered formation when at least of the card sections comprising blister cavities are folded against one another.

37. The tri-fold pharmaceutical treatment blister card according to Claim 36, wherein the blister cavities contain the pharmaceutical composition.

25 38. The tri-fold pharmaceutical treatment blister card according to Claim 37, wherein the pharmaceutical composition is in the form of pills, capsules, tablets, and combinations thereof.

30 39. The tri-fold pharmaceutical treatment blister card according to Claim 38, wherein the interior and exterior layers, security strip, and perforated strip are fabricated from a material selected from paperboard, card board, bristle board, corrugated paper, polymeric materials, and metals.

40. The tri-fold pharmaceutical treatment blister card according to Claim 39, wherein the blister and lidding layers are fabricated from polymeric materials, metal foils, and combinations thereof.

5 41. The tri-fold pharmaceutical treatment blister card according to Claim 39, wherein the polymeric material is selected from low density polyethylene, an olefinic copolymer, polyvinylchloride, polyvinylidenechloride, polyolefins, polypropylene, polyesters, polylactic acid, polyacetals, polystyrene, and combinations thereof.

10 42. The tri-fold pharmaceutical treatment blister card according to Claim 40, wherein the polymeric material is selected from low density polyethylene, an olefinic copolymer, polyvinylchloride, polyvinylidenechloride, polyolefins, polypropylene, polyesters, polylactic acid, polyacetals, polystyrene, and combinations thereof.

15 43. A tri-fold pharmaceutical treatment blister card suitable dispensing a pharmaceutical composition, characterized as containing three card sections suitable for folding upon one another, comprising:

20 i) two card sections, comprising:
25 a) interior and exterior layers having proportionally dimension edges and uniform outer edges, wherein the surface of the interior layer comprises a plurality of holes therein, and the exterior layer comprises a plurality of perforated-portions having the shape of the plurality of holes, wherein the interior layer overlays the exterior layer, wherein the plurality of holes of the interior layer opposes the plurality of perforated-portions of the exterior layer, wherein a first portion of the interior and exterior uniform outer edges are affixed together to form a blister card section having a pocket there inside, wherein an unaffixed, second portion of the card edges form a pocket entrance into the card, wherein a cut-out is formed about the edges of the pocket entrance of the card;

5 b) a plurality of blister cavities on the at least two card sections, each cavity comprising a blister layer having outer edges and a lidding layer having outer edges, wherein the edges of the blister and lidding layers are affixed together, wherein raised void compartments are formed inside the edges of the layers
10 10 comprising blister cavities suitable for storage of a pharmaceutical composition, wherein the blister cavities are located in the pocket of the blister card, the raised void compartments of the blister cavities protruding through the holes of the interior layer and the lidding layer opposing the perforated-portions of the exterior layer, and wherein the plurality of blister cavities on the two sections of the card are aligned in a staggered formation when the two card sections comprising blister cavities are folded against one another;

15 c) a removable, proportionally dimension security strip having first and second ends a pull point, wherein the pull point is located at the second end of the strip, wherein the first end of the strip is inserted through the pocket entrance into the pocket of the card between the lidding layer of the blister cavity and the exterior layer of the card, the security strip being within the edges of the pocket entrance, the pull point fitting within the outer edges of the pocket entrance and being visibly exposed through the cut-out of the card; and
20 20 d) a perforation strip sealing the pocket entrance of the blister card, wherein the removable security strip is located inside the pocket to form the pharmaceutical treatment blister card, and wherein the pull point is covered by the perforation strip; and
25 25 ii) one card section, comprising interior and exterior layers, the layers having outer edges, wherein the outer edges of the layers are affixed together, wherein a slit in interior layer provides a pocket for storing literature sheets; and
30 30 iii) hinge means attaching the outer edges of the three card sections together to form a tri-fold pharmaceutical treatment blister card, wherein the hinge means is suitable for folding the sections of the card upon one another,
35 35 wherein tearing of the perforation strip from the blister card exposes the pull point of the security strip, pulling the pull point to remove the security strip from the

pocket, and pushing the blister layer through the lidding layer of the blister cavity to force the lidding layer to rupture and push the perforated-portion of the exterior layer away there from to dislodges the pharmaceutical composition from the card.